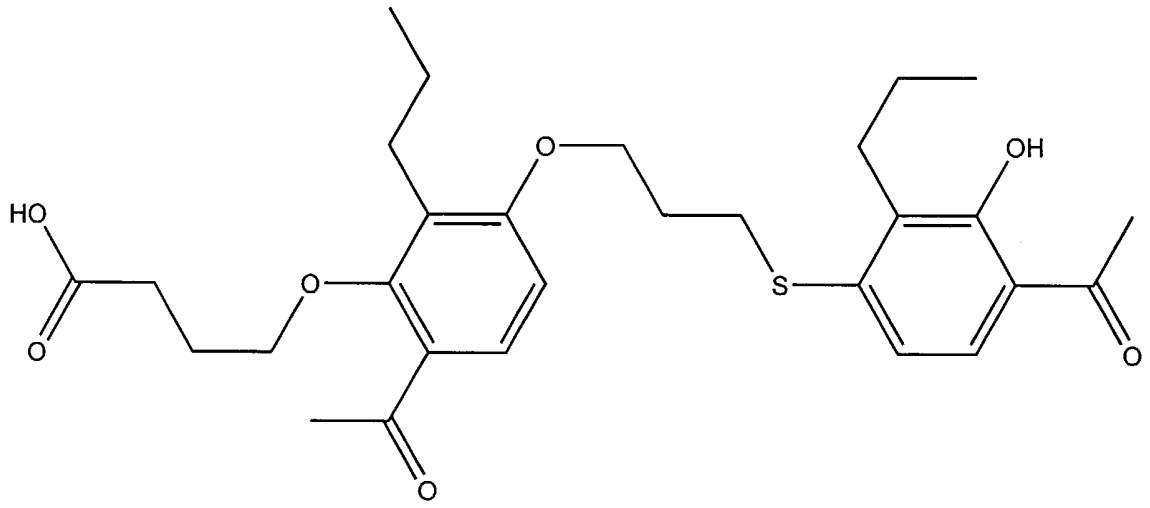


4-(6-acetyl-3-(3-(4-acetyl-3-hydroxy-2-propylphenylthio)propoxy)-2-propylphenoxy)butyric acid

FILE 'CAPLUS' ENTERED AT 15:48:48 ON 05 AUG 2004
L1 STRUCTURE UPLOADED
S L1

FILE 'REGISTRY' ENTERED AT 15:49:24 ON 05 AUG 2004
L2 11 S L1 FULL

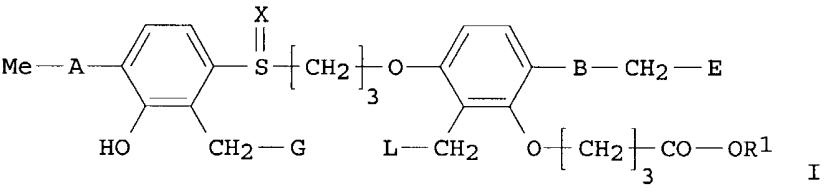
FILE 'CAPLUS' ENTERED AT 15:49:28 ON 05 AUG 2004
L3 3 S L2 FULL
L4 0 S POLYMORPH AND L3

=> d l3 1-3 ibib abs hitstr

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:39068 CAPLUS
DOCUMENT NUMBER: 123:169347
TITLE: preparation of phenylthiopropoxyphenyloxybutyric acid derivatives as leukotriene antagonists
INVENTOR(S): Oohashi, Mitsuo; Hori, Wataru
PATENT ASSIGNEE(S): Kyorin Seiyaku Kk, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06100526	A2	19940412	JP 1992-273717	19920917

PRIORITY APPLN. INFO.: JP 1992-273717 19920917
OTHER SOURCE(S): MARPAT 123:169347
GI

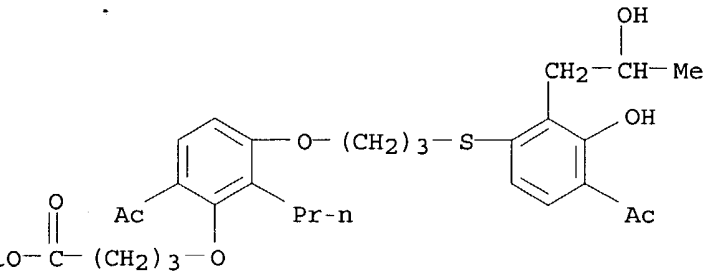


I

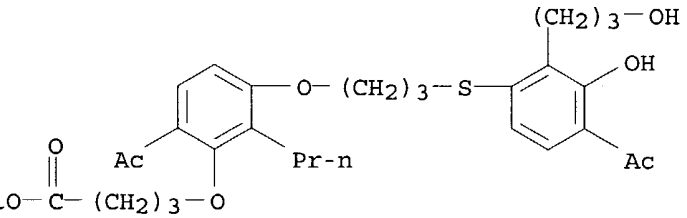
AB Title derivs. I (A, B = CO, hydroxymethylene; E = H, OH, acetoxy; G, L = Et, acetyl, 1-hydroxyethyl, 2-hydroxyethyl, hydroxycarbonylmethyl, lower alkoxycarbonylmethyl; X = void, O, O2; R1 = H, lower alkyl; X = O, O2 and B = hydroxymethylene when A = carbonyl, E = H, and G = L = Et) or their alkali salts, acting as strong antagonists for leukotrienes C4, D4, and E4 and useful for antiasthmatics, are prepared Thus, treating 2'-hydroxy-3'-(2-hydroxypropyl)-4'-mercaptoacetophenone (prepared in 6 steps from 3-allyl-2,4-dihydroxyacetophenone) with Et 4-[6-acetyl-3-(3-bromopropoxy)-2-propylphenoxy]butyrate gave I (A = B = CO, E = H, G = 1-hydroxyethyl, L = Et, R1 = Et, X = void).

IT **167211-60-1P 167211-72-5P 167211-78-1P**
167211-82-7P 167211-90-7P 167211-91-8P
167211-92-9P 167211-93-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of phenylthiopropoxyphenyloxybutyric acid derivs. as leukotriene antagonists)

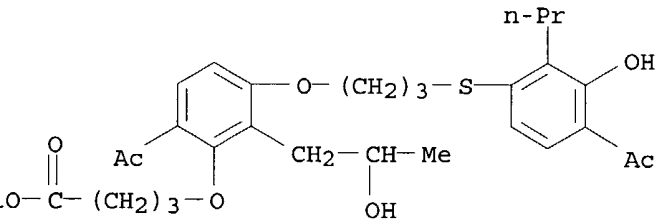
RN 167211-60-1 CAPLUS
CN Butanoic acid, 4-[6-acetyl-3-[3-[[4-acetyl-3-hydroxy-2-(2-hydroxypropyl)phenyl]thio]propoxy]-2-propylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



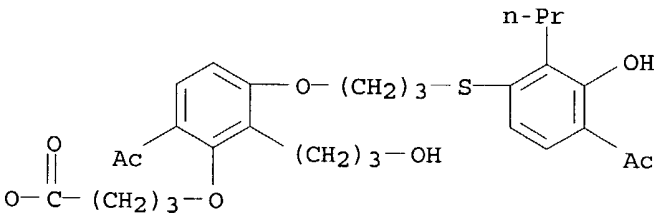
167211-72-5 CAPLUS
Butanoic acid, 4-[6-acetyl-3-[3-[[4-acetyl-3-hydroxy-2-(3-hydroxypropyl)phenyl]thio]propoxy]-2-propylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



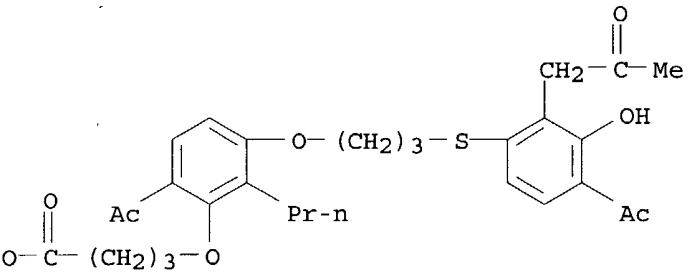
167211-78-1 CAPLUS
Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-2-(2-hydroxypropyl)phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



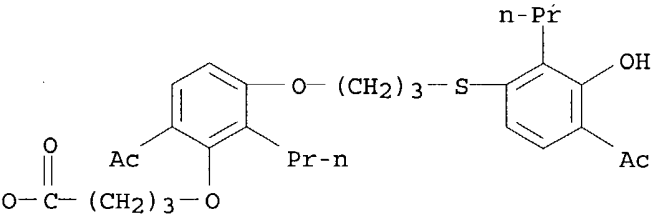
167211-82-7 CAPLUS
Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-2-(3-hydroxypropyl)phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



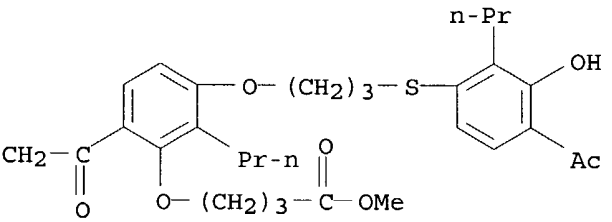
167211-90-7 CAPLUS
Butanoic acid, 4-[6-acetyl-3-[3-[[4-acetyl-3-hydroxy-2-(2-oxopropyl)phenyl]thio]propoxy]-2-propylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



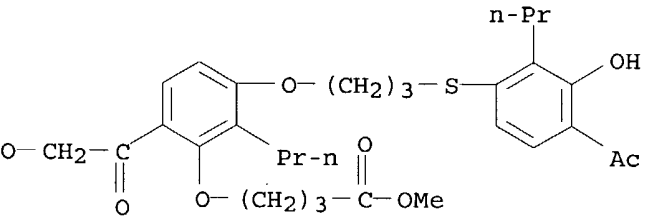
167211-91-8 CAPLUS
Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-2-propylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



167211-92-9 CAPLUS
Butanoic acid, 4-[3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-6-(chloroacetyl)-2-propylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



167211-93-0 CAPLUS
Butanoic acid, 4-[3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-6-[(acetyloxy)acetyl]-2-propylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

CESSION NUMBER:	1990:138760 CAPLUS
CUMENT NUMBER:	112:138760
TLE:	Preparation of phenoxyalkylcarboxylic acid derivatives as antiallergic agents
VENTOR(S):	Ohashi, Mitsuo; Awano, Katsuya; Tanaka, Toshio; Kimura, Tetsuya
TENT ASSIGNEE(S):	Kyorin Pharmaceutical Co., Ltd., Japan
URCE:	Eur. Pat. Appl., 32 pp. CODEN: EPXXDW

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 332109	A1	19890913	EP 1989-103897	19890306
EP 332109	B1	19911204		
R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
JP 02001459	A2	19900105	JP 1989-38912	19890218
JP 07116125	B4	19951213		
US 4985585	A	19910115	US 1989-313900	19890223
AU 8930884	A1	19890907	AU 1989-30884	19890301
AU 617439	B2	19911128		
CA 1331763	A1	19940830	CA 1989-592555	19890302
HU 50112	A2	19891228	HU 1989-1039	19890303
HU 204030	B	19911128		
HU 208418	B	19931028	HU 1991-2410	19890303
HU 208524	B	19931129	HU 1991-2411	19890303
ES 2045219	T3	19940116	ES 1989-103897	19890306
CN 1036560	A	19891025	CN 1989-101301	19890307
CN 1022407	B	19931013		
PRIORITY APPLN. INFO.:			JP 1988-53374	19880307
			HU 1989-1039	19890303

OTHER SOURCE(S): MARPAT 112:138760
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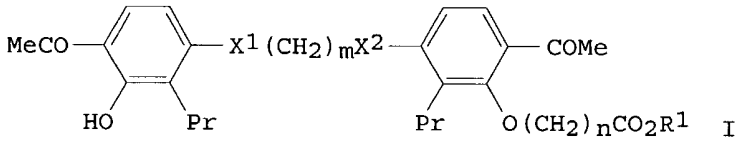

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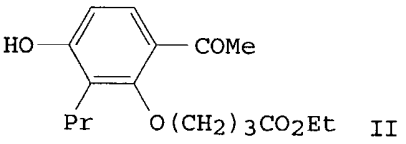

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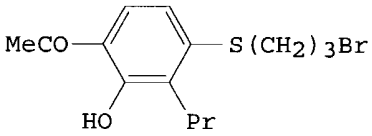


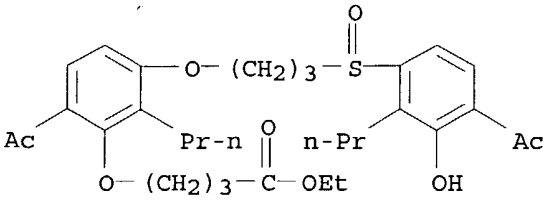
III

AB The title compds. (I; R1 = H, Me, Et; X1, X2 = O, S, SO, SO2; X1 = X2 ≠ O; m = 2-5; n = 3-8), useful as antiallergic agents, are prepared A mixture of phenoxybutyrate II, bromopropyl thioether III, KI, and K2CO3 in Me2CO was refluxed to give 72.4% I (R1 = Et, X1 = S, X2 = O, m = n = 3). I showed 66.7-96.2% inhibition of leukotriene D4-induced bronchoconstriction at 50 mg/kg p.o. in guinea pigs. Addnl. 70 I were also prepared

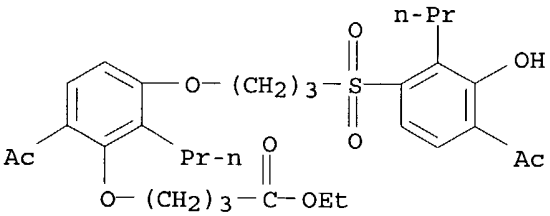
IT **125961-80-0P 125961-81-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as antiallergic agent)

RN 125961-80-0 CAPLUS

CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)sulfinyl]propoxy]-2-propylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



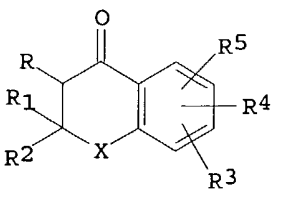
RN 125961-81-1 CAPLUS
CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)sulfonyl]propoxy]-2-propylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1983:575604 CAPLUS
DOCUMENT NUMBER: 99:175604
TITLE: Anti-SRS-A carboxylic acid derivatives and pharmaceutical formulations containing them
INVENTOR(S): Bantick, John Raymond
PATENT ASSIGNEE(S): Fisons Ltd., UK
SOURCE: Eur. Pat. Appl., 67 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 79637	A1	19830525	EP 1982-201368	19821101
EP 79637	B1	19870128		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4474788	A	19841002	US 1982-438163	19821101
AT 25251	E	19870215	AT 1982-201368	19821101
JP 58090557	A2	19830530	JP 1982-196883	19821111
PRIORITY APPLN. INFO.:			GB 1981-34186	19811112
			EP 1982-201368	19821101

GI



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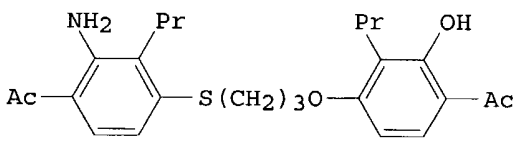
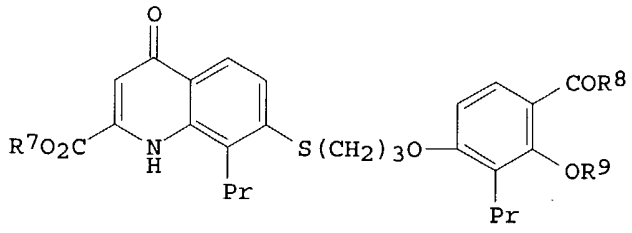


II



III

AB Anti-allergy (no data) bicyclic compds. I [R, R1 = H, alkyl; RR1 = bond; R2 = CO2H, carboxyalkyl; R3 = substituted OH, SH, NH2; R4, R5 = H, halogen, (un)substituted OH, NH2, alkyl, acyl; X = S, O, NR6 (R6 = H, alkyl)] were prepared Thus, 3,2,4-Pr(HO)2C6H2Ac reacted with 4,2,3-AcPr(H2N)C6H2S(CH2)3Br to give phenol II, which cyclized with EtO2CCO2Et to give quinoline III [R7 = Et, R8R9 = CH:C(CO2Et)]. The latter compound gave III (R7 = H, R8 = Me, R9 = H) on hydrolysis.

IT **87472-34-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrolysis of)

RN 87472-34-2 CAPLUS

CN 4H-1-Benzopyran-2-propanoic acid, 7-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-4-oxo-8-propyl-, ethyl ester (9CI) (CA INDEX NAME)